Peak District National Park

Forecast valid from 00:00 on Friday 22 Apr 2022 until 23:59 on Saturday 23 Apr 2022

Forecast Issued on Thursday 21 Apr 2022 at 13:00

Confidence: High confidence for the largely settled weather type with strong easterly winds. Low confidence for cloud and shower detail.

Headline for Friday 22 Apr 2022: Another fine and sunny day after early low cloud clears.

Mountain weather hazards on Friday 22 Apr 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Sunny intervals	Sunny	Sunny	Sunny	Sunny	Partly cloudy (night)
Precipitation probability							
<05%	10%	10%	00%	00%	00%	00%	00%

Forecast for Friday 22 Apr 2022

Weather: Low cloud and possibly some light drizzle affecting mainly eastern parts of the Park during the early hours. This is expected to clear soon after dawn, leaving a fine and dry day with lengthy sunny spells and only small amounts of cloud well above the summits. Further low cloud moving into eastern areas once again during the evening. Strong winds will give a cold feel.

Chance of cloud-free hill tops above 600m: 80% in the west, 50% in the east overnight. Becoming 100% by mid-morning, then reducing to 40% in the east during the evening.

Low cloud and visibility: Visibility will be mostly very good, with distant hills clearly visible. Becoming poor or very poor at times both early and later in the low cloud covering the hills, bases 300-500m, with nearby landmarks obscured.

Forecast for Friday 22 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/32 NE	25/33 NE	23/31 NE	27/38 NE	31/44 E	29/41 E	27/39 NE	26/36 NE	23/32 NE
300	12/20 NE	17/27 NE	17/26 NE	21/32 NE	24/37 NE	24/37 E	22/34 NE	17/27 NE	16/26 NE
Valley	6/19 NE	13/29 E	15/31 NE	17/35 NE	20/40 E	20/39 E	17/35 E	13/29 E	13/29 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	2/-4	3/-3	6/0	9/4	8/4	6/1	3/-3	4/-2
300	6/2	5/0	5/1	9/5	12/8	12/7	9/5	6/2	6/2
Valley	5/3	6/2	6/2	10/7	14/10	13/9	10/7	7/3	7/3
Freezing Level*	1200m	1200m	1300m	1300m	1400m	1300m	1100m	1200m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A day for layers. Feeling cold in the strong wind, but with strong sunshine giving moderate UV levels, so sun protection is recommended. Wind gusts may reach 45-50 mph on the most exposed peaks and ridges.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 21 Apr 2022	2.4mm	2.4mm	2.4mm

Forecast for Saturday 23 Apr 2022

Weather: Cloudy overnight and into the morning, with the risk of some light to moderate showers. Showers and low cloud clearing around early afternoon to give a fine end to the day with sunny spells. Perhaps some further low cloud moving in from the east during the evening. Feeling cold in the strong winds, but with some limited strong sunshine later in the afternoon.

Maximum wind: Easterly or northeasterly 25-30 mph, gusting 45-50 mph.

Chance of cloud-free hill tops above 600m: 30% overnight and during the morning. Becoming 100% by mid-afternoon, then reducing to 60% in the east during the evening.

Low cloud and visibility: Visibility will be mostly very good, with distant hills clearly visible. Becoming poor or very poor both early and later in the low cloud covering the hills, bases 300-500m, with nearby landmarks obscured.

Temperature: **Valleys:** Plus 4 Celsius, becoming plus 12 Celsius in the afternoon.
At 600m: Plus 4 Celsius.
Freezing level: Above the hilltops.